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9-7-04

**United States Environmental Protection Agency  
Region 5  
POLLUTION REPORT**

**Date:** Tuesday, September 07, 2004

**From:** Kenneth Rhame, OSC

<b>To:</b> Ray Worley, U.S. EPA W. Messenger, U.S. EPA Afif Marouf, U.S. EPA Tracy Johnson, U.S. EPA Duty Officer, USCG Mick Hans, U.S. EPA Bill Bolen, U.S. EPA Chris Austin, MDEQ	Jason El-Zein, U.S. EPA Stuart Hill, U.S. EPA John Maritote, U.S. EPA G. Narsete, U.S. EPA N Seif, MDEQ Beverly Kush, U.S. EPA Mark Johnson, ATSDR
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**Subject:** Final  
Spies Field  
Spies Athletic Field, Menominee, MI

<b>POLREP No.:</b> 3	<b>Site #:</b> B58G
<b>Reporting Period:</b>	<b>D.O. #:</b> 0033
<b>Start Date:</b> 4/1/2004	<b>Response Authority:</b> CERCLA
<b>Mob Date:</b>	<b>Response Type:</b> TC
<b>Completion Date:</b>	<b>NPL Status:</b> Non NPL
<b>CERCLIS ID #:</b> MIN000509078	<b>Incident Category:</b> Removal Action
<b>RCRIS ID #:</b>	<b>Contract #</b>

**Site Description**

The Spies Field site is located on the south side of Spies Athletic Field in Menominee, Menominee County, Michigan, and covers an approximate area of 2.72 acres. The site is an open lot consisting of wooded and marshland areas. The site has been vacant for approximately 20 years, but was formerly occupied by a wood products facility. 55-gallon drums of hazardous waste and areas of contaminated soil were discovered at the site.

See Pollution Report #1 for more details

**Current Activities**

1. Response activities to date

The clearing of vegetation, construction of the access road, dewatering, and investigative trenching has been completed.

Approximately 250 tons of lead and chromium contaminated hazardous waste has been

removed and transported to the treatment and disposal facility.

Mound3 soil sample was collected in the southwest corner with a lead result of 688 mg/kg, above site cleanup goal of 400 mg/kg. During this excavation paint chips were discovered. A sample, ACECHIP3, was collected of these paint chips and analyzed for total lead, total chromium, TCLP lead, and TCLP chromium. The analytical results showed not detected for both TCLP lead and TCLP chromium. The soil in the southwest corner was excavated and staged near the access road. Soil was excavated until XRF readings were below 400 mg/kg. Some paint chips remained, however, due to the TCLP results of not detected, they were left in place. The ERRS contractor put a layer of access road material. A characterization sample was collected from the southwest corner soil for disposal purposes and shipped to a commercial laboratory for analysis.

#### Summary of Response Actions Between 4/19/04 and 4/23/04:

April 19, 2004- No activity on site. Received southwest characterization disposal sample data results that showed soil was non-hazardous.

April 20, 2004- No activity on site. Arranged for the transportation and disposal for non-hazardous stockpile, activities for April 21, 2004. Re-mobilized to ERRS site.

April 21, 2004- ERRS loaded non-hazardous soil pile into transportation and began transporting and disposal activities for the non-hazardous special waste. START collected three cleanup confirmation soil samples from non-hazardous soil stockpile location after transportation and disposal activities were completed. Approximately 150 tons were sent to Menominee City Landfill.

April 22, 2004 - No activity.

April 23, 2004 - ERRS contractor, under contract with the City of Menominee, excavated a trench in the eastern section of the site. START collected and shipped three soil samples to a laboratory ensure that the soil in the trench met site cleanup criteria. START also shipped hazardous waste samples, that had previously been collected from the site along with the samples of similar color collected from the Air Cooling Engines Company, located southwest of site from lead and chromium isotope analysis. The hazardous waste samples were shipped to the EPA lab in Denver, Colorado. Samples collected from beneath the non-hazardous stockpile was below site cleanup criteria. START demobilized from site.

April 24, 2004- ERRS demobilized from site. All site activities are completed.

#### **Planned Removal Actions**

No further activities are planned.

#### **Next Steps**

None.

**Estimated Costs \***

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$220,000.00	\$124,000.00	\$96,000.00	43.64%
RST/START	\$35,000.00	\$20,000.00	\$15,000.00	42.86%
<b>Intramural Costs</b>				
USEPA - Direct (Region, HQ)	\$7,200.00	\$4,975.00	\$2,225.00	30.90%
USEPA - InDirect	\$15,600.00	\$10,075.00	\$5,525.00	35.42%
<b>Total Site Costs</b>	<b>\$277,800.00</b>	<b>\$159,050.00</b>	<b>\$118,750.00</b>	<b>42.75%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

**Disposition of Wastes**

<b>Waste Stream</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Disposal Facility</b>
Special Waste Nonhazardous Waste	18,460 pounds	5288	Waste Management Menominee Landfill West 6111 Elmwood Road Menominee, Michigan
Special Waste Nonhazardous Waste	20,930 pounds	5289	Waste Management Menominee Landfill West 6111 Elmwood Road Menominee, Michigan
Special Waste Nonhazardous Waste	10,080 pounds	5290	Waste Management Menominee Landfill West 6111 Elmwood Road Menominee, Michigan
Special Waste Nonhazardous Waste	21,210 pounds	5292	Waste Management Menominee Landfill

			West 6111 Elmwood Road Menominee, Michigan
Special Waste Nonhazardous Waste	15,030 pounds	5295	Waste Management Menominee Landfill West 6111 Elmwood Road Menominee, Michigan
R.Q. Hazardous Waste Solid, N.O.S. Chromium soil (D007)	46,000 pounds	MI9464626	Michigan Disposal Waste Treatment Plant 40360 North 194 Service Drive Belleville, Michigan 49111
R.Q. Hazardous Waste Solid- N.O.S. Chromium soil (D007)	44,000 pounds	MI9464634	Michigan Disposal Waste Treatment Plant 40360 North 194 Service Drive Belleville, Michigan 49111
R.Q. Hazardous Waste Solid- N.O.S. Chromium soil (D007)	49,700 pounds	MI9464635	Michigan Disposal Waste Treatment Plant 40360 North 194 Service Drive Belleville, Michigan 49111
R.Q. Hazardous Waste Solid- N.O.S. Chromium soil (D007)	44,000 pounds	MI9464633	Michigan Disposal Waste Treatment Plant 40360 North 194 Service Drive Belleville, Michigan 49111
R.Q. Hazardous Waste Solid- N.O.S. Chromium soil (D007)	46,000 pounds	MI9464632	Michigan Disposal Waste Treatment Plant 40360 North 194 Service Drive Belleville, Michigan 49111
R.Q. Hazardous Waste Solid- N.O.S. Chromium soil (D007)	46,500 pounds	MI9464630	Michigan Disposal Waste Treatment Plant 40360 North 194 Service Drive Belleville, Michigan 49111
R.Q. Hazardous Waste Solid- N.O.S. Chromium soil (D007)	52,600 pounds	MI9464627	Michigan Disposal Waste Treatment Plant 40360 North 194 Service Drive Belleville, Michigan 49111
R.Q. Hazardous Waste Solid- N.O.S. Chromium	46,000 pounds	MI9464631	Michigan Disposal Waste Treatment Plant 40360 North 194 Service

soil (D007)			Drive Belleville, Michigan 49111
R.Q. Hazardous Waste Solid- N.O.S. Chromium soil (D007)	48,000 pounds	MI9464629	Michigan Disposal Waste Treatment Plant 40360 North 194 Service Drive Belleville, Michigan 49111
R.Q. Hazardous Waste Solid- N.O.S. Chromium soil (D007)	46,000 pounds	MI9464628	Michigan Disposal Waste Treatment Plant 40360 North 194 Service Drive Belleville, Michigan 49111
Special Waste Nonhazardous Waste	17,390	5275	Waste Management Menominee Landfill West 6111 Elmwood Road Menominee, Michigan
Special Waste Nonhazardous Waste	16,120 pounds	5276	Waste Management Menominee Landfill West 6111 Elmwood Road Menominee, Michigan
Special Waste Nonhazardous Waste	17,480 pounds	5277	Waste Management Menominee Landfill West 6111 Elmwood Road Menominee, Michigan
Special Waste Nonhazardous Waste	17,640 pounds	5278	Waste Management Menominee Landfill West 6111 Elmwood Road Menominee, Michigan

Special Waste Nonhazardous Waste	21,220 pounds	5279	Waste Management Menominee Landfill West 6111 Elmwood Road Menominee, Michigan
Special Waste Nonhazardous Waste	19,440 pounds	5280	Waste Management Menominee Landfill West 6111 Elmwood Road Menominee, Michigan
Special Waste Nonhazardous Waste	22,710 pounds	5281	Waste Management Menominee Landfill West 6111 Elmwood Road Menominee, Michigan

[www.epaossc.org/SpiesField](http://www.epaossc.org/SpiesField)